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5-14-01

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/839,469

DATE: 05/03/2001

TIME: 12:04:30

Input Set : N:\Crf3\RULE60\09839469.txt

Output Set: N:\CRF3\05032001\I839469.raw

A 2.

ENTERED

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3 <110> APPLICANT: Huse, William D.
4   Freedman, Michael H.
6 <120> TITLE OF INVENTION: Method for Identifying Optimal Binding Ligands to a
7   Receptor
9 <130> FILE REFERENCE: P-IX 3280
11 <140> CURRENT APPLICATION NUMBER: 09/839,469
12 <141> CURRENT FILING DATE: 2001-04-20
14 <150> PRIOR APPLICATION NUMBER: 09/169,048
15 <151> PRIOR FILING DATE: 1998-10-08
17 <160> NUMBER OF SEQ ID NOS: 28
19 <170> SOFTWARE: PatentIn Ver. 2.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 24
23 <212> TYPE: DNA
24 <213> ORGANISM: Mus musculus
26 <220> FEATURE:
27 <221> NAME/KEY: CDS
28 <222> LOCATION: (1)..(24)
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31 agc tca agt gta agt ttc atg aac
32 Ser Ser Ser Val Ser Phe Met Asn
33   1           5
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 8
38 <212> TYPE: PRT
39 <213> ORGANISM: Mus musculus
41 <400> SEQUENCE: 2
42 Ser Ser Ser Val Ser Phe Met Asn
43   1           5
47 <210> SEQ ID NO: 3
48 <211> LENGTH: 24
49 <212> TYPE: DNA
50 <213> ORGANISM: Artificial Sequence
52 <220> FEATURE:
53 <221> NAME/KEY: CDS
54 <222> LOCATION: (1)..(24)
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
58   construct
60 <400> SEQUENCE: 3
61 agc tca agt gta agg ttc atg aac
62 Ser Ser Ser Val Arg Phe Met Asn
63   1           5
66 <210> SEQ ID NO: 4
67 <211> LENGTH: 8
68 <212> TYPE: PRT
69 <213> ORGANISM: Artificial Sequence

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W--> 70 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
73 <400> SEQUENCE: 4
74 Ser Ser Ser Val Arg Phe Met Asn
75 1 5
79 <210> SEQ ID NO: 5
80 <211> LENGTH: 24
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <221> NAME/KEY: CDS
86 <222> LOCATION: (1)..(24)
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
90 construct
92 <400> SEQUENCE: 5
93 agc gag agt gta aat ctt atg aac 24
94 Ser Glu Ser Val Asn Leu Met Asn
95 1 5
98 <210> SEQ ID NO: 6
99 <211> LENGTH: 8
100 <212> TYPE: PRT
101 <213> ORGANISM: Artificial Sequence
W--> 102 <220> FEATURE:
102 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
105 <400> SEQUENCE: 6
106 Ser Glu Ser Val Asn Leu Met Asn
107 1 5
111 <210> SEQ ID NO: 7
112 <211> LENGTH: 24
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <221> NAME/KEY: CDS
118 <222> LOCATION: (1)..(24)
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
122 construct
124 <400> SEQUENCE: 7
125 agc tca agt gtt aat ttc atg aac 24
126 Ser Ser Ser Val Asn Phe Met Asn
127 1 5
130 <210> SEQ ID NO: 8
131 <211> LENGTH: 8
132 <212> TYPE: PRT
133 <213> ORGANISM: Artificial Sequence
W--> 134 <220> FEATURE:
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137 <400> SEQUENCE: 8

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138 Ser Ser Ser Val Asn Phe Met Asn
139   1           5
143 <210> SEQ ID NO: 9
144 <211> LENGTH: 24
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <221> NAME/KEY: CDS
150 <222> LOCATION: (1)..(24)
152 <220> FEATURE:
153 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
154   construct
156 <400> SEQUENCE: 9
157 agc tca acg gta agt ttc atg aac                24
158 Ser Ser Thr Val Ser Phe Met Asn
159   1           5
162 <210> SEQ ID NO: 10
163 <211> LENGTH: 8
164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial Sequence
W--> 166 <220> FEATURE:
166 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
169 <400> SEQUENCE: 10
170 Ser Ser Thr Val Ser Phe Met Asn
171   1           5
175 <210> SEQ ID NO: 11
176 <211> LENGTH: 24
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <221> NAME/KEY: CDS
182 <222> LOCATION: (1)..(24)
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
186   construct
188 <400> SEQUENCE: 11
189 agc tca agt gta gcg tat atg aac                24
190 Ser Ser Ser Val Ala Tyr Met Asn
191   1           5
194 <210> SEQ ID NO: 12
195 <211> LENGTH: 8
196 <212> TYPE: PRT
197 <213> ORGANISM: Artificial Sequence
W--> 198 <220> FEATURE:
198 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
201 <400> SEQUENCE: 12
202 Ser Ser Ser Val Ala Tyr Met Asn
203   1           5
207 <210> SEQ ID NO: 13

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Input Set : N:\CrF3\RULE60\09839469.txt  
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208 <211> LENGTH: 24
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <221> NAME/KEY: CDS
214 <222> LOCATION: (1)..(24)
216 <220> FEATURE:
217 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
218        construct
220 <400> SEQUENCE: 13
221 agc cag agt gct aag cat atg aac                      24
222 Ser Gln Ser Ala Lys His Met Asn
223    1                      5
226 <210> SEQ ID NO: 14
227 <211> LENGTH: 8
228 <212> TYPE: PRT
229 <213> ORGANISM: Artificial Sequence
W--> 230 <220> FEATURE:
230 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
233 <400> SEQUENCE: 14
234 Ser Gln Ser Ala Lys His Met Asn
235    1                      5
239 <210> SEQ ID NO: 15
240 <211> LENGTH: 24
241 <212> TYPE: DNA
242 <213> ORGANISM: Mus musculus
244 <220> FEATURE:
245 <221> NAME/KEY: CDS
246 <222> LOCATION: (1)..(24)
248 <400> SEQUENCE: 15
249 gcc aca tcc aat ttg gct tct gga                      24
250 Ala Thr Ser Asn Leu Ala Ser Gly
251    1                      5
254 <210> SEQ ID NO: 16
255 <211> LENGTH: 8
256 <212> TYPE: PRT
257 <213> ORGANISM: Mus musculus
259 <400> SEQUENCE: 16
260 Ala Thr Ser Asn Leu Ala Ser Gly
261    1                      5
265 <210> SEQ ID NO: 17
266 <211> LENGTH: 24
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <221> NAME/KEY: CDS
272 <222> LOCATION: (1)..(24)
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic

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Input Set : N:\Crf3\RULE60\09839469.txt  
 Output Set: N:\CRF3\05032001\I839469.raw

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276      construct
278 <400> SEQUENCE: 17
279 gcc aca gag aag ttg gct tct gga                24
280 Ala Thr Glu Lys Leu Ala Ser Gly
281   1           5
284 <210> SEQ ID NO: 18
285 <211> LENGTH: 8
286 <212> TYPE: PRT
287 <213> ORGANISM: Artificial Sequence
W--> 288 <220> FEATURE:
288 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
291 <400> SEQUENCE: 18
292 Ala Thr Glu Lys Leu Ala Ser Gly
293   1           5
297 <210> SEQ ID NO: 19
298 <211> LENGTH: 24
299 <212> TYPE: DNA
300 <213> ORGANISM: Artificial Sequence
302 <220> FEATURE:
303 <221> NAME/KEY: CDS
304 <222> LOCATION: (1)..(24)
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
308      construct
310 <400> SEQUENCE: 19
311 gcc aca gtt aat ttg gct tct gga                24
312 Ala Thr Val Asn Leu Ala Ser Gly
313   1           5
316 <210> SEQ ID NO: 20
317 <211> LENGTH: 8
318 <212> TYPE: PRT
319 <213> ORGANISM: Artificial Sequence
W--> 320 <220> FEATURE:
320 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
323 <400> SEQUENCE: 20
324 Ala Thr Val Asn Leu Ala Ser Gly
325   1           5
329 <210> SEQ ID NO: 21
330 <211> LENGTH: 24
331 <212> TYPE: DNA
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <221> NAME/KEY: CDS
336 <222> LOCATION: (1)..(24)
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
340      construct
342 <400> SEQUENCE: 21
343 gcc aca gtg aat ttg gct tct gga                24

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## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/839,469

DATE: 05/03/2001

TIME: 12:04:31

Input Set : N:\Crf3\RULE60\09839469.txt

Output Set: N:\CRF3\05032001\I839469.raw

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L:102 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:134 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:166 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:198 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:230 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:288 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:320 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:352 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:384 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:416 M:258 W: Mandatory Feature missing, <220> FEATURE:  
L:448 M:258 W: Mandatory Feature missing, <220> FEATURE: